

SEQUENCE LISTING

<110> Rubin, Berish
Anderson, Sylvia

<120> Detection of Mutations in a Gene Encoding IKB Kinase-Complex
-Associated Protein to Diagnose Familial Dysautonomia

<130> Rubin 201-KGB

<160> 13

<170> PatentIn version 3.0

<210> 1

<211> 19

<212> DNA

<213> Homo sapiens

<400> 1

gcagcaatca tgtgtccca
19

<210> 2

<211> 20

<212> DNA

<213> Homo sapiens

<400> 2

gattctcagc tttctcatgc
20

<210> 3

<211> 18

<212> PRT

<213> Homo sapiens

<400> 3

| | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Asp | Pro | Val | Ser | Arg | Glu | Val | Lys | Asn | Glu | Val | Ser | Leu | Val | Ala | Glu |
| 1 | | | | 5 | | | | | 10 | | | | | 15 | |

Gly Phe

<210> 4

<211> 7
 <212> DNA
 <213> Homo sapiens

<400> 4
 gtaagtg
 7

<210> 5
 <211> 7
 <212> DNA
 <213> Homo sapiens

<400> 5
 gtaagcg
 7

<210> 6
 <211> 19
 <212> DNA
 <213> Homo sapiens

<400> 6
 gagaacaaca agattctgc
 19

<210> 7
 <211> 20
 <212> DNA
 <213> Homo sapiens

<400> 7
 agtcgcaaac agtacaatgg
 20

<210> 8
 <211> 20
 <212> DNA
 <213> Homo sapiens

<400> 8
 gcagttaatg gagagtggct
 20

<210> 9
 <211> 18
 <212> DNA
 <213> Homo sapiens

<400> 9
 atgcttggtta cttggctg
 18

<210> 10
 <211> 117
 <212> DNA
 <213> Homo sapiens

<400> 10
 cccaggaca caaagcttgt attacagatg ccaaggggaa acttagaagt tgttcacat
 60

cgagccctgg ttttagctca gattcggaag tggttggaca aacttatgtt taaagag
 117

<210> 11
 <211> 39
 <212> PRT
 <213> Homo sapiens

<400> 11

Pro Gln Asp Thr Lys Leu Val Leu Gln Met Pro Arg Gly Asn Leu Glu
 1 5 10 15

Val Val His His Arg Ala Leu Val Leu Ala Gln Ile Arg Lys Trp Leu
 20 25 30

Asp Lys Leu Met Phe Lys Glu
 35

<210> 12
 <211> 43
 <212> DNA
 <213> Homo sapiens

<400> 12
 cccaggaca caaagcttgt attacagact tatgtttaaa gag
 43

<210> 13
 <211> 12
 <212> PRT
 <213> Homo sapiens

<400> 13

| | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Pro | Gln | Asp | Thr | Lys | Leu | Val | Leu | Gln | Thr | Tyr | Val |
| 1 | | | | 5 | | | | | 10 | | |

Protein Data Bank (PDB) file: rubin.ST25
 Entry: rubin
 Title: rubin
 Author: rubin
 Date: 1999-01-01
 Resolution: 1.50
 R-factor: 0.150
 R-free: 0.150
 PDB ID: rubin